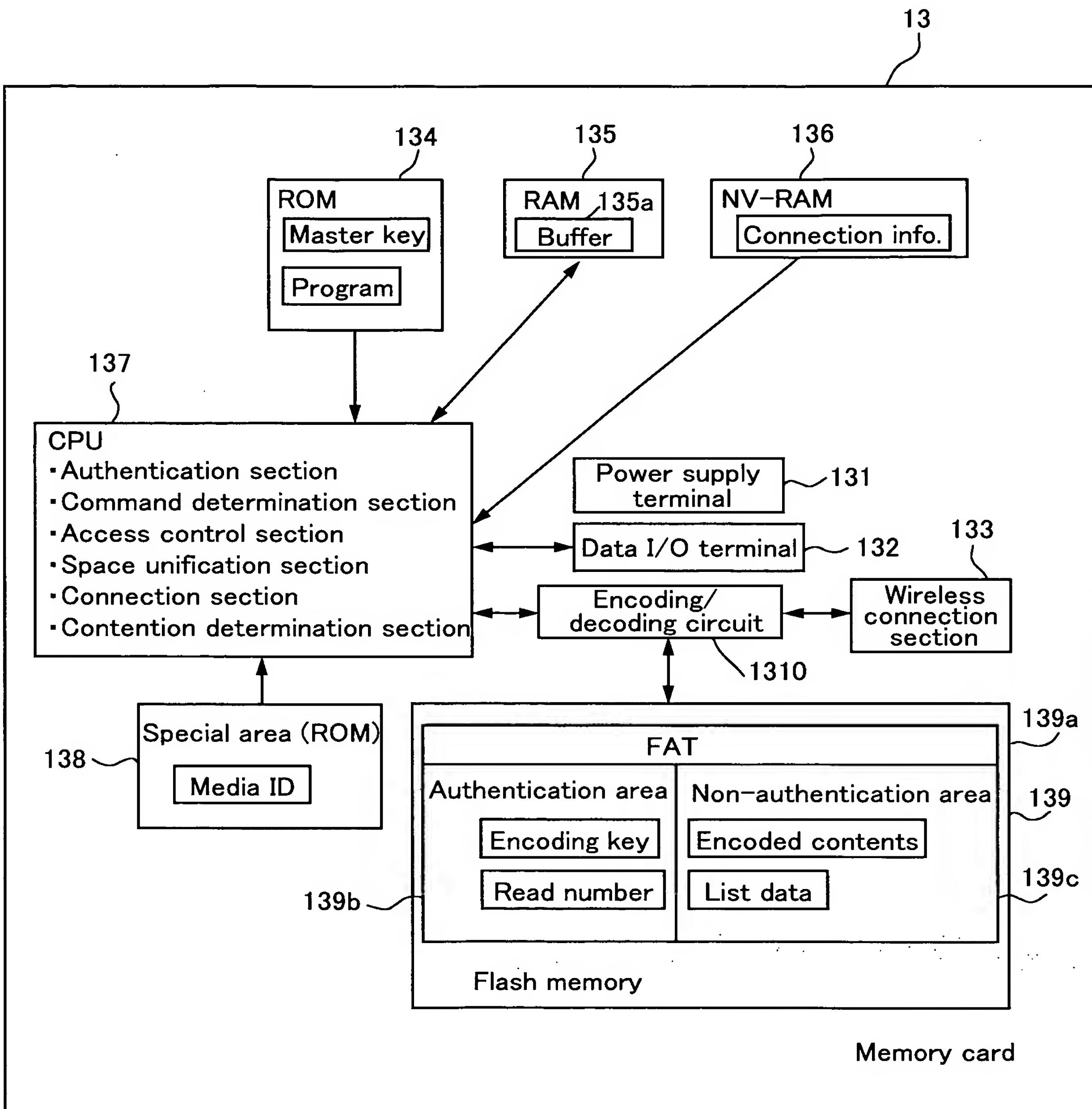


*Fig. 1*



*Fig. 2*

### **Connection info.(NV-RAM)**

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<b>URL of Destination</b>	<code>http://storage.server.com/rm/login.asp</code>
<b>Identification ID for connection</b>	<code>301938472G322DPE</code>
<b>Connection authentication password</b>	<code>F32248DCPDCL20EM</code>

*Fig. 3*

139c

Data file for list								
Last update date			03/10/15/20:12:00					
:								
Ch	Recorded date	Time	Resolution	Time of recording	Protectionial			
BS 7	03/10/10	19:00	SP	01:00	Unprotected			
Name of video data file			Title					
/DVD_RTAV/MOV00011.MPG			BS Special					
Ch	Recorded date	Time	Resolution	Time of recording	Protectionial			
12	03/10/10	19:00	SP	01:24	Unprotected			
Name of video data file			Title					
/DVD_RTAV/MOV00012.MPG			Soccer game					
Ch	Recorded date	Time	Resolution	Time of recording	Protectionial			
12	03/10/11	21:00	SP	00:28	Unprotected			
Name of video data file			Title					
/DVD_RTAV/MOV00013.MPG			Music Special					

Fig. 4

701

The image shows a television screen with a grid pattern. At the top, there is a horizontal bar divided into two sections: "Program navigation" on the left and "SD" on the right. Below this is a table with five rows and six columns. The first column contains small icons: a triangle at the top, a diagonal line in the middle, a cross-hatch at the bottom, and a solid white square at the very bottom. The other five columns are labeled "No", "Ch", "Recorded date", "Time", and "Title". The data in the table is as follows:

Icon	No	Ch	Recorded date	Time	Title
	005	BS 7	03/10/10	19:00	BS Special
Diagonal Line	006	12	03/10/10	14:00	Soccer game
Cross-hatch	007	12	03/10/11	21:00	Music Special
Solid White	008	4	03/10/13	19:00	History Special

*Fig. 5*

FAT

139a

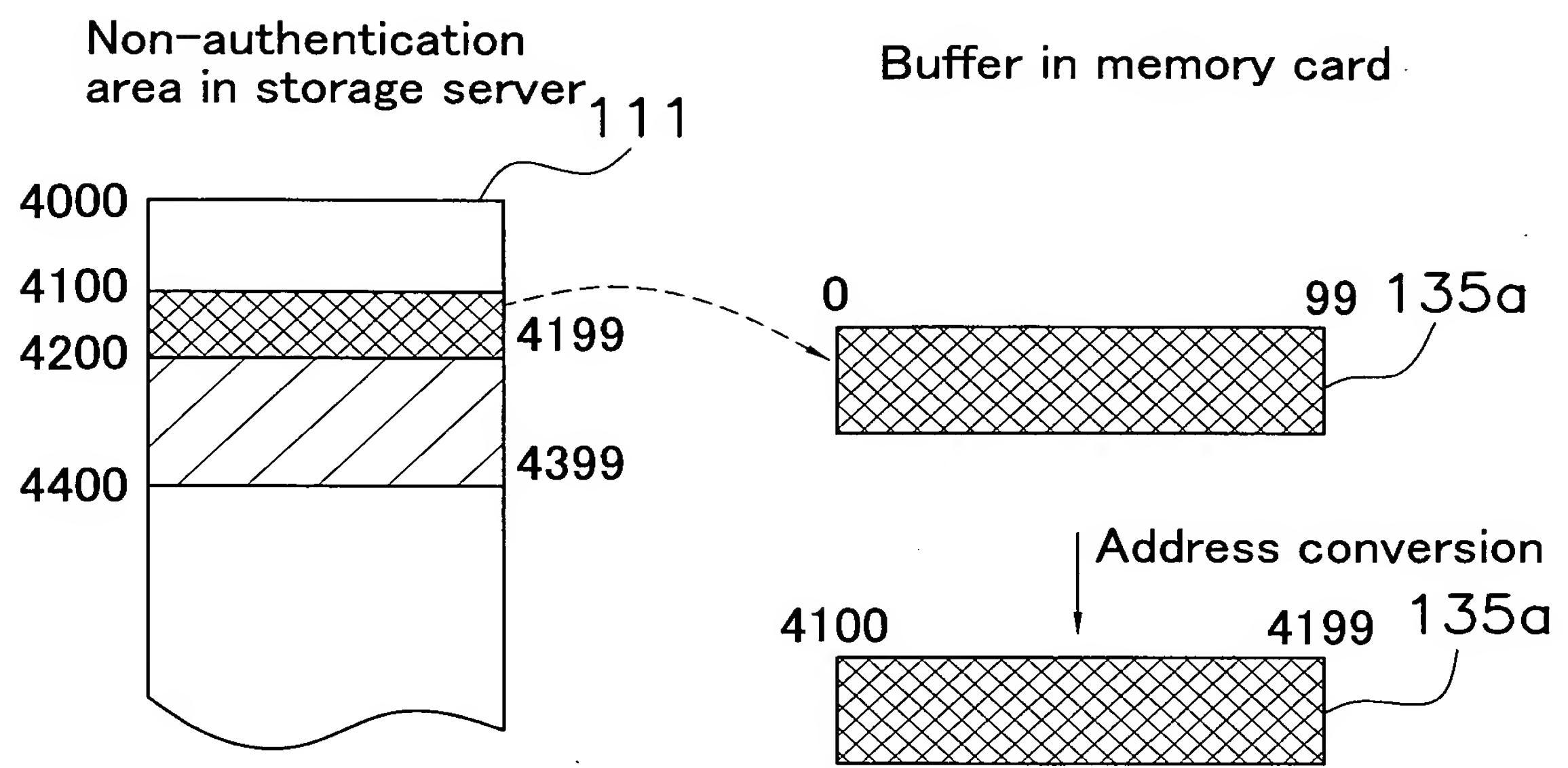
Address	Data ID
0000	ENCRYPT/MOV00011.MPG
⋮	⋮
0100	ENCRYPT/MOV00012.MPG
⋮	⋮
3000	DVD_RTAV/MOV00011.MPG
⋮	⋮
4000	DVD_RTAV/MOV00012.MPG
⋮	⋮

Authentication area

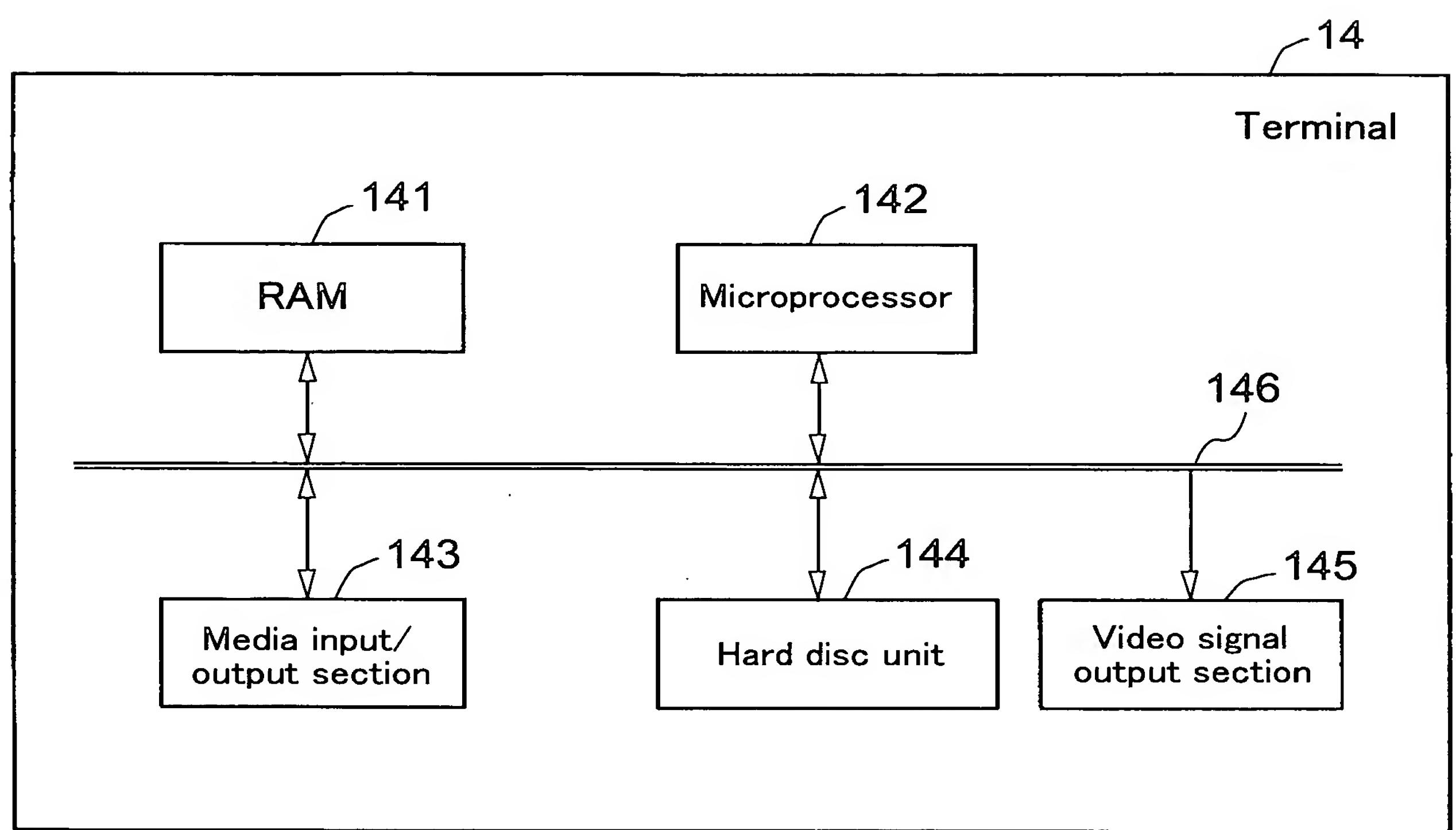
Non-authentication area

Non-authentication area (server)

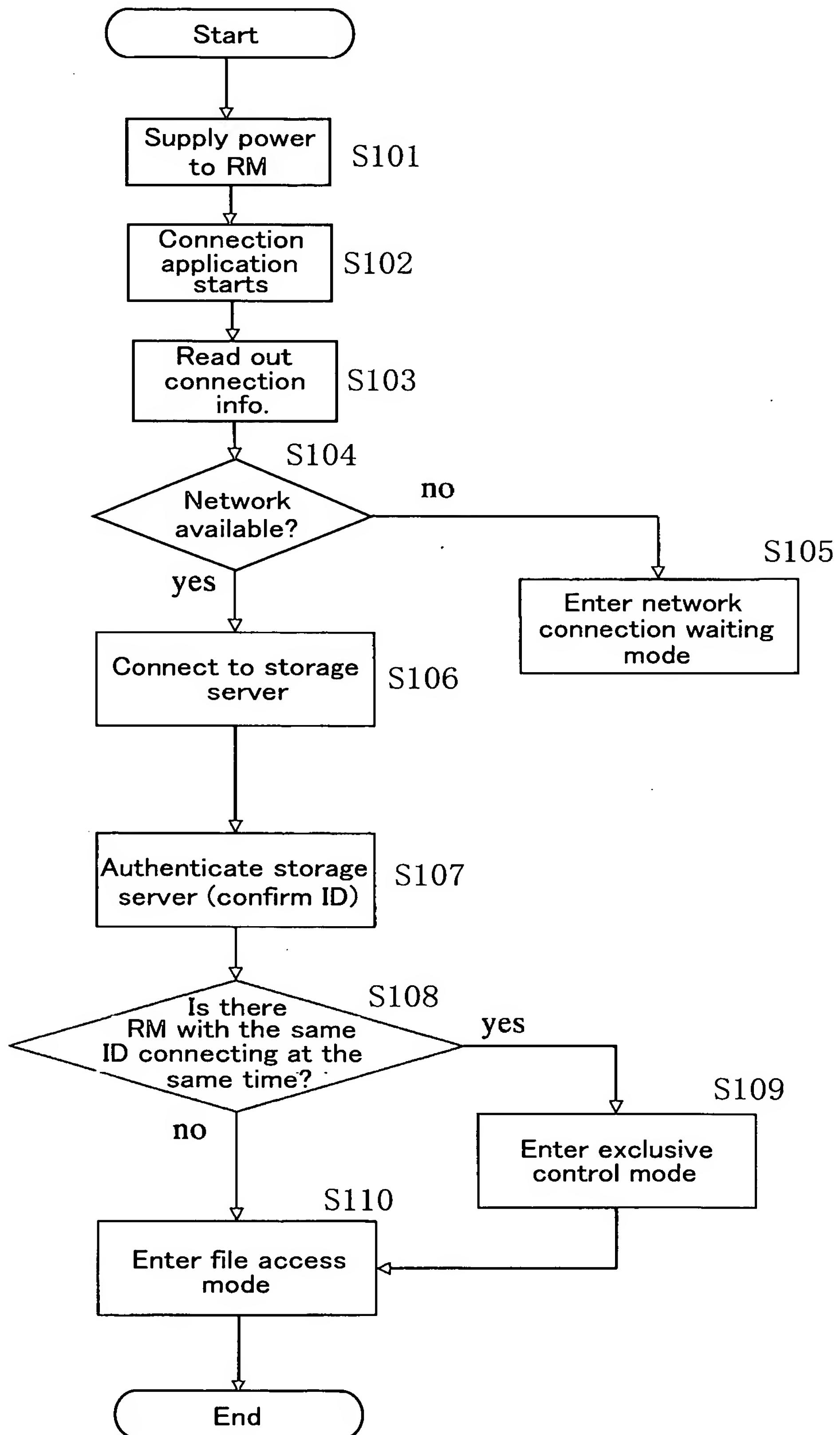
*Fig. 6*



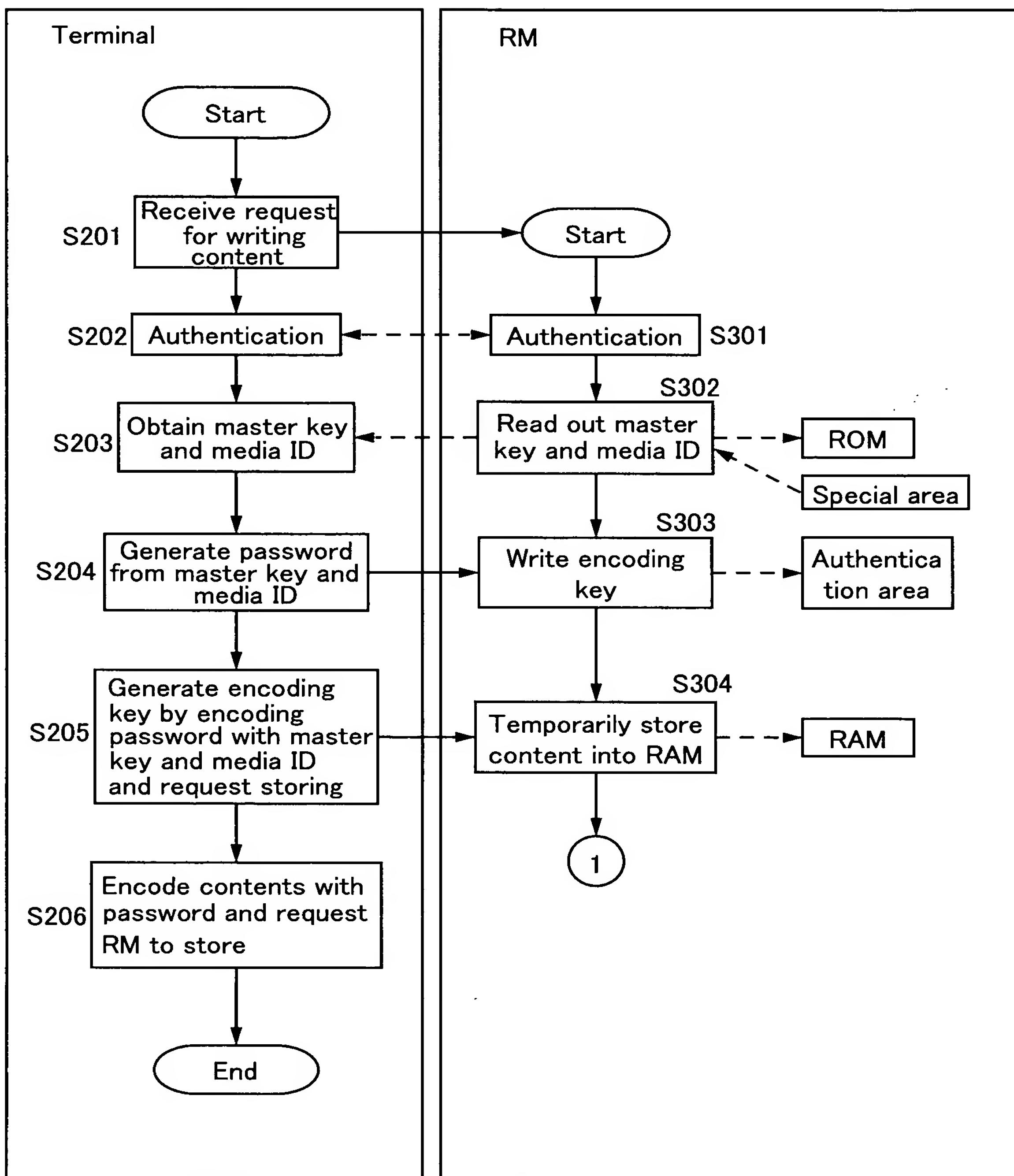
*Fig. 7*



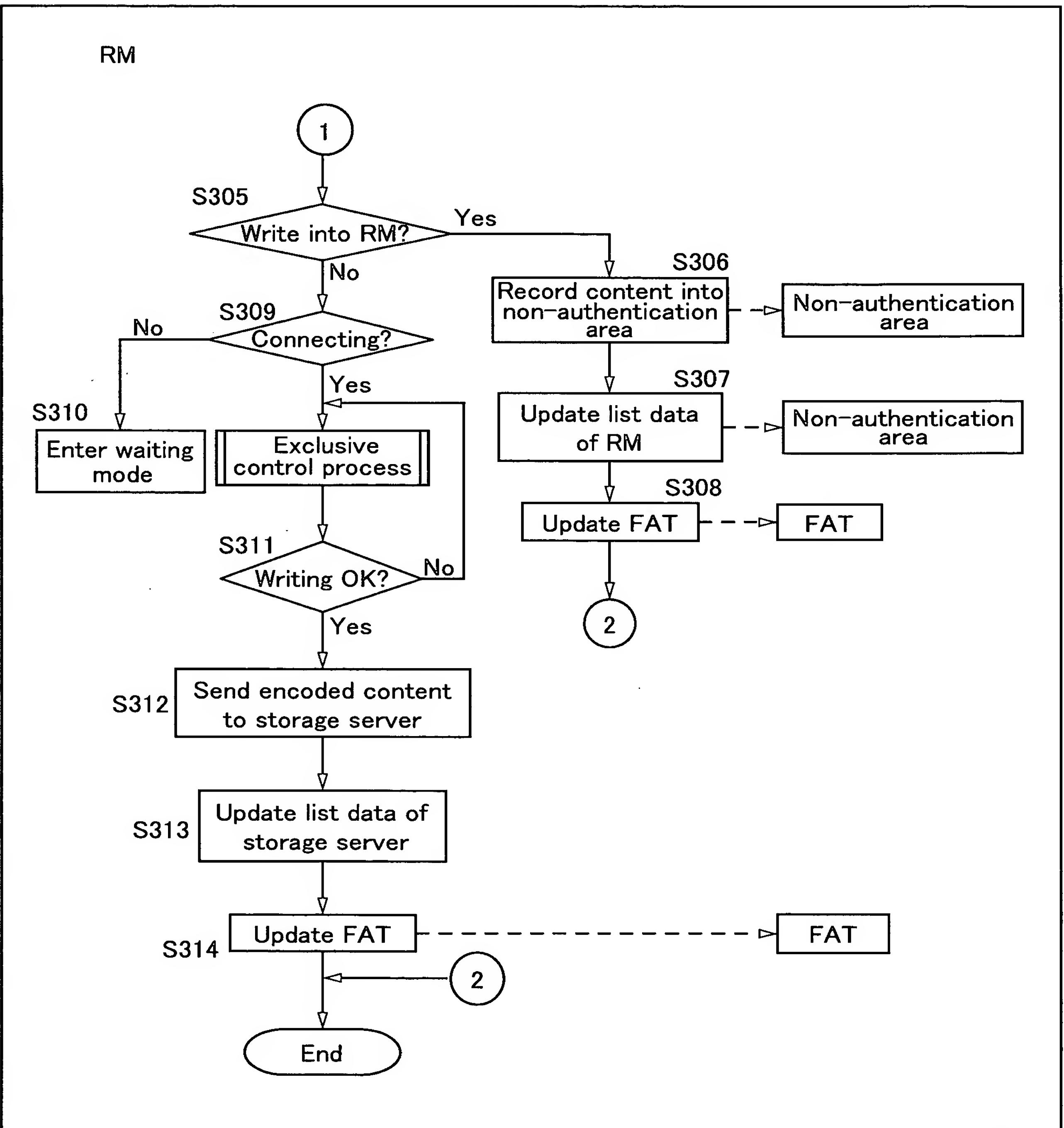
*Fig. 8*



*Fig. 9*



*Fig. 10A*



*Fig. 10B*

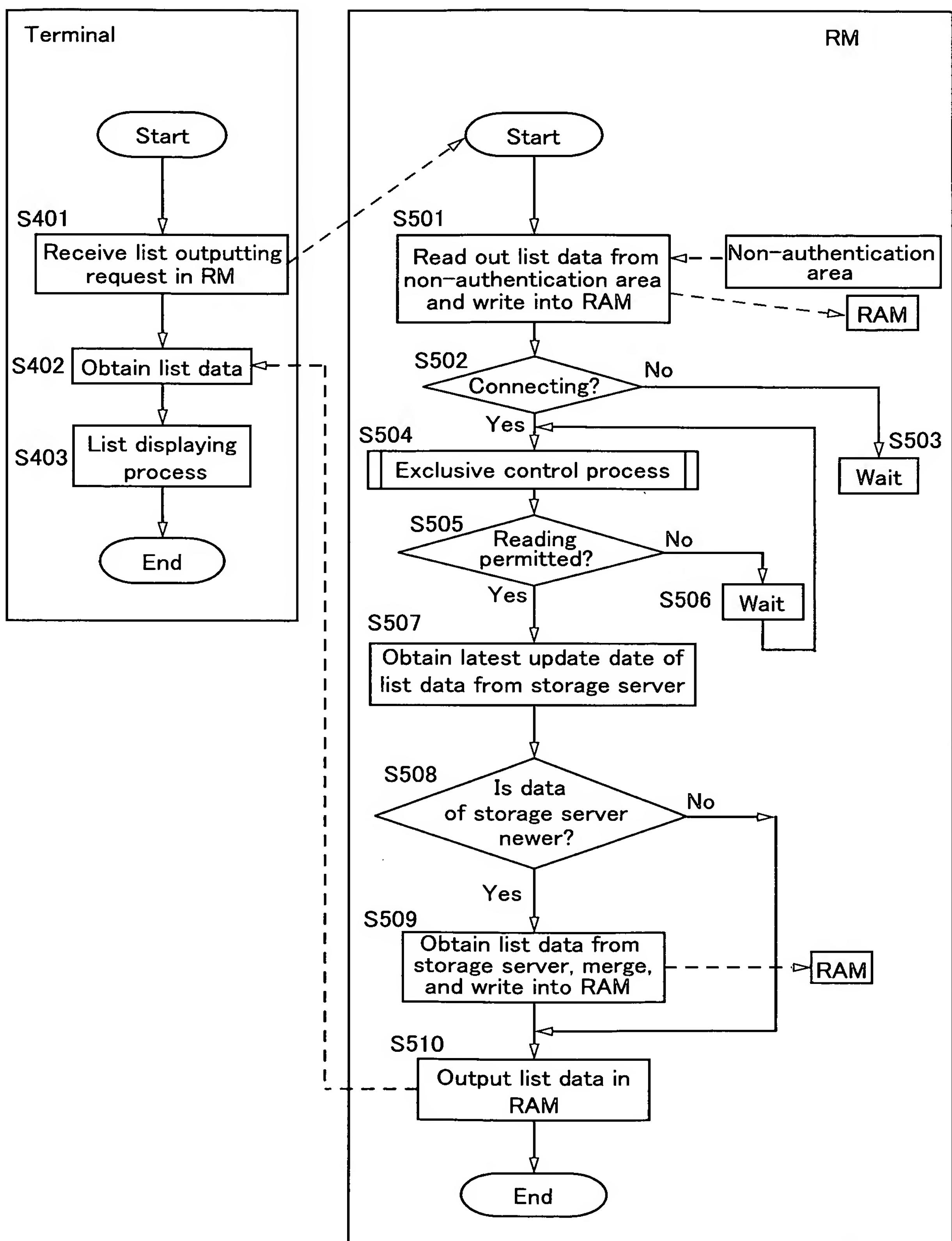


Fig. 11

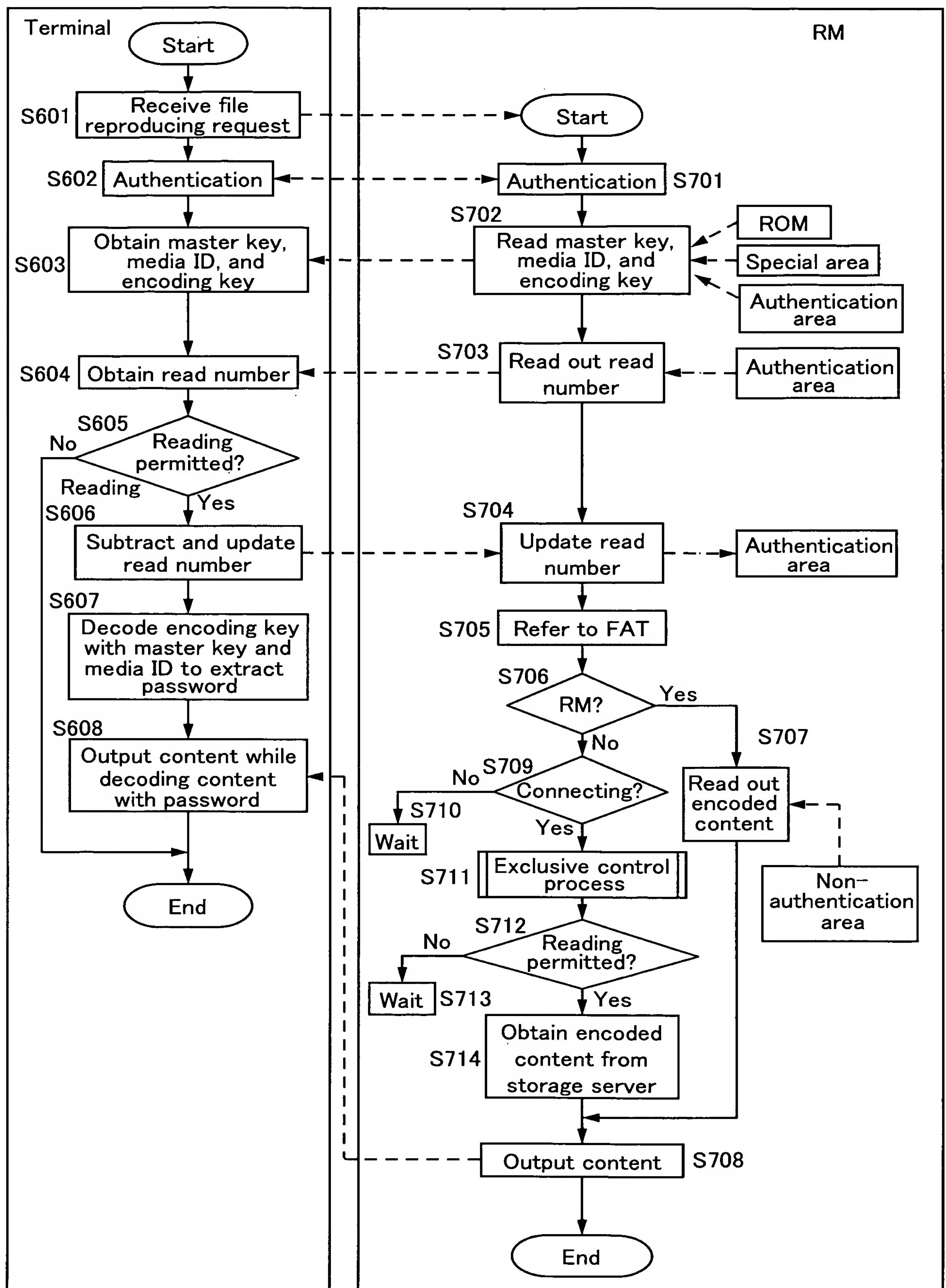
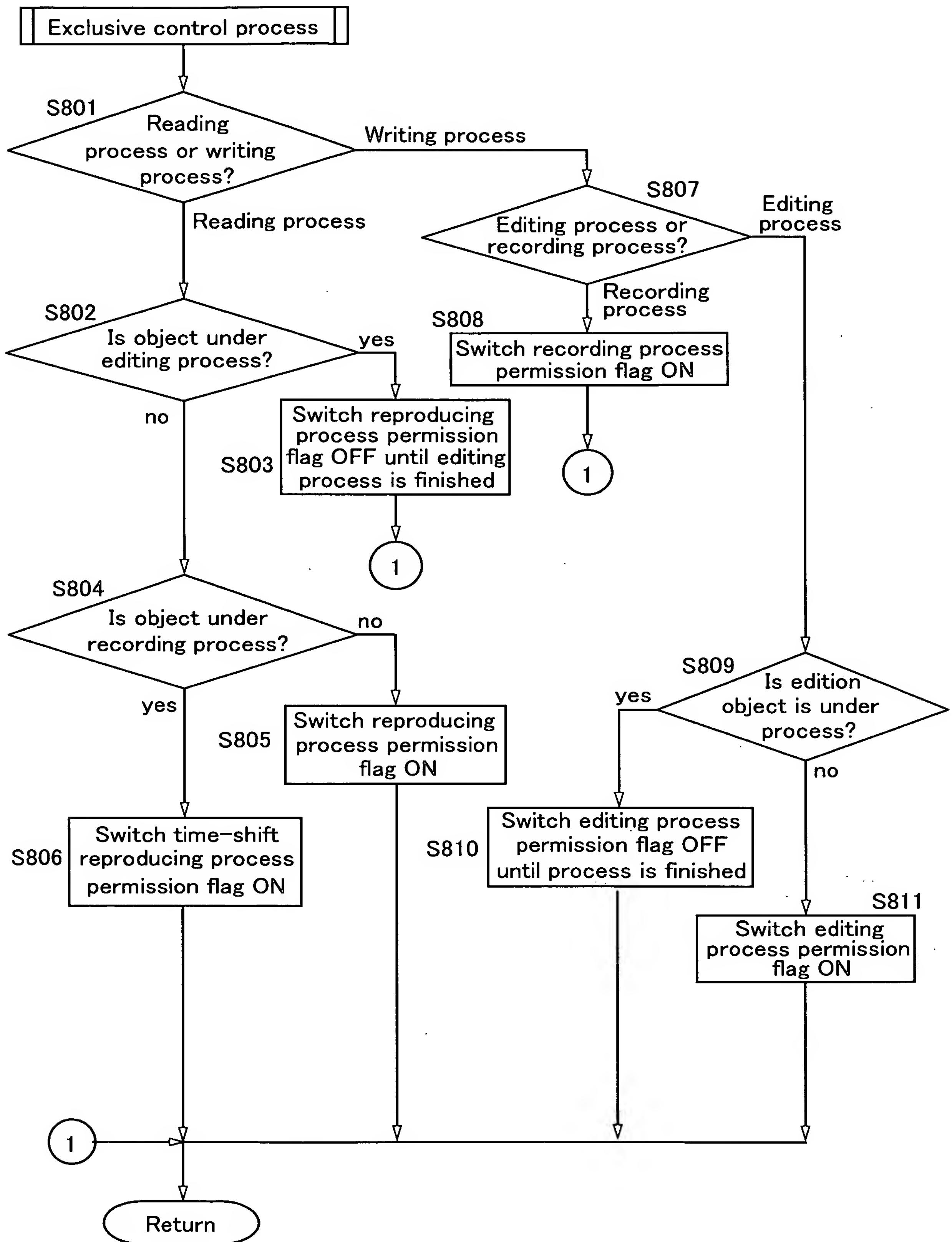
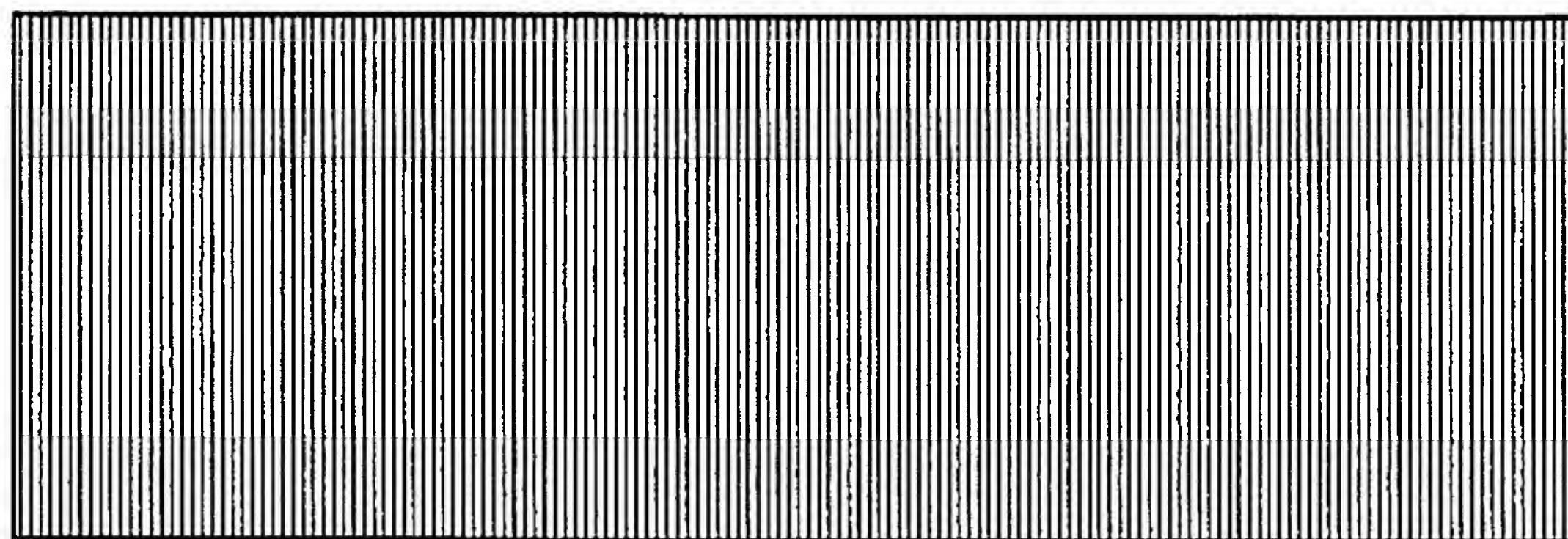


Fig. 12



*Fig. 13*



Program navigation			SD	User name: OOO		
	No	Ch	Recorded date	Time	Title	Access rights
	005	BS 7	03/10/10	19:00	BS special	Full
	006	12	03/10/10	14:00	Soccer game	Read only
	007	12	03/10/11	21:00	Special feature of music	Full
	008	4	03/10/13	19:00	History special	Non access

*Fig. 14*

User management table	
Last update date	03/10/15/20:12:00
:	
Group ID	0549SDG6EG35
Accessible removable media	
Identification ID for connection	301938472G322DPE
Connection authentication password	F32248DCPDCL20EM
Access right	All
Identification ID for connection	DK937546ED354984
Connection authentication password	DKPE03KDUI38DUOL
Access right	User: Mike
Identification ID for connection	6584316E8D4Q6545
Connection authentication password	DKUE69die36423di
Access right	Guest
:	
:	

*Fig. 15*

Dubbing	SD→SD										
<p>Select access right for SD to be produced</p> <table border="1"> <thead> <tr> <th>Access right</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>ALL</td> <td>Reproduction, deletion and edition of all data are permitted</td> </tr> <tr> <td>Guest</td> <td>Only reproduction of data permitted to guests is permitted</td> </tr> <tr> <td>User:Mike</td> <td>Reproduction of data permitted to guests and reproduction, deletion and edition of data for Mike are permitted</td> </tr> <tr> <td>User:Mary</td> <td>Reproduction of data permitted to guests and reproduction, deletion and edition of data for Mary are permitted</td> </tr> </tbody> </table> <p><b>Add new user</b></p>		Access right	Description	ALL	Reproduction, deletion and edition of all data are permitted	Guest	Only reproduction of data permitted to guests is permitted	User:Mike	Reproduction of data permitted to guests and reproduction, deletion and edition of data for Mike are permitted	User:Mary	Reproduction of data permitted to guests and reproduction, deletion and edition of data for Mary are permitted
Access right	Description										
ALL	Reproduction, deletion and edition of all data are permitted										
Guest	Only reproduction of data permitted to guests is permitted										
User:Mike	Reproduction of data permitted to guests and reproduction, deletion and edition of data for Mike are permitted										
User:Mary	Reproduction of data permitted to guests and reproduction, deletion and edition of data for Mary are permitted										

*Fig. 16*